

# WSDOT FEDERAL SAFETY PROGRAMS

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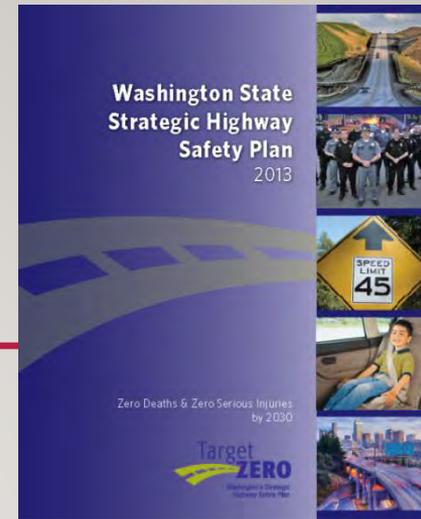
MATTHEW ENDERS, P.E.

WASHINGTON STATE DOT

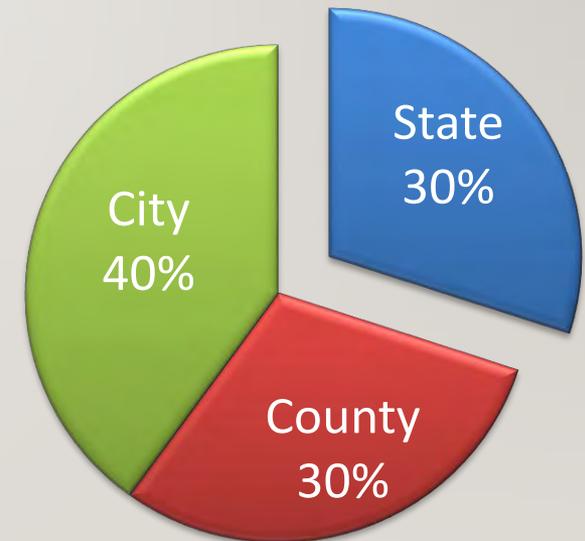
LOCAL PROGRAMS DIVISION

SEPTEMBER 29, 2016

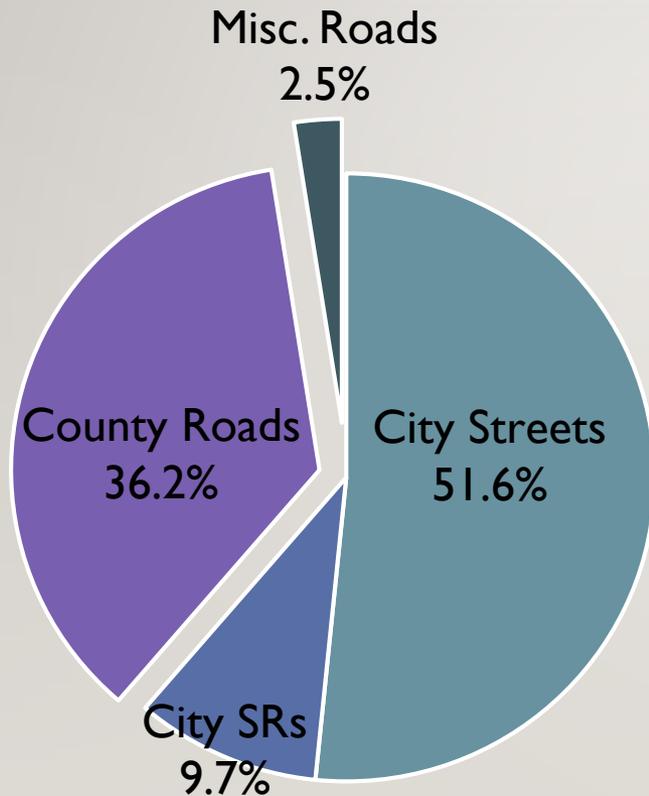
# SAFETY PROGRAM BASICS



- Federal Program (HSIP)
  - Fatal & serious injury crash focus
  - All public roads eligible
- Federal funding split with state highways
  - 70% Local Programs, 30% State Highways
- Funding split of 70% for Local Programs (roughly \$24.8 million/year)
  - City = city streets + city-operated state highways
  - County = county roads + misc. roadways



# BREAKDOWN OF NON-STATE FATAL/SERIOUS CRASHES



**Misc. Roads = 2.5%**

**Forest Service = 1.3%**

**Tribal Reservation = 0.3%**

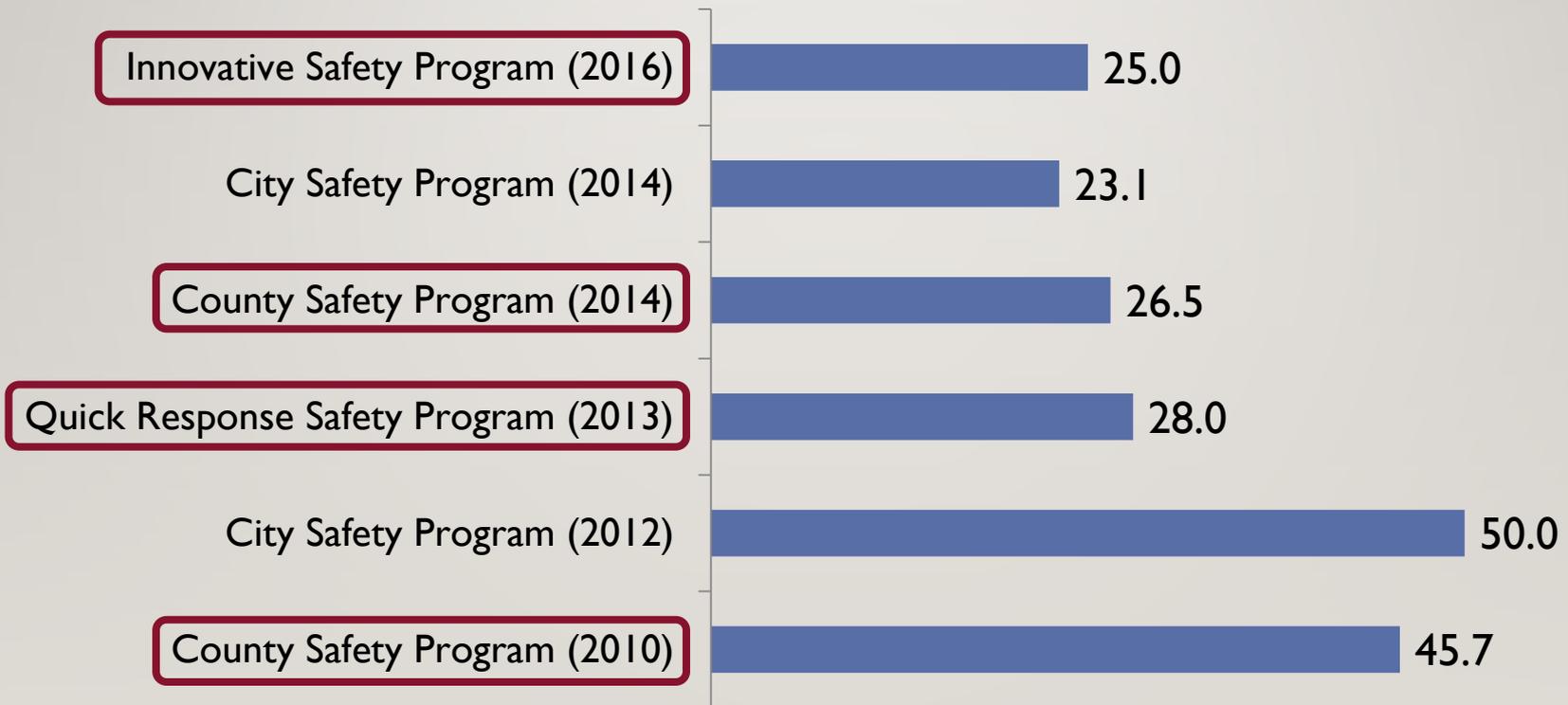
**Federal = 0.2%**

**Other = 0.7%**

# LOCAL PROGRAMS SAFETY FUNDING HISTORY

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## Funding (\$ millions)



# CITY SAFETY PROGRAM

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- Call for projects
  - Every 2-3 years, next call in 2018
  - Competitive call for projects (based on Benefit/Cost ratio)
- Spot location improvements must address fatal/serious crashes
- Includes some risk-based projects (sub-program)
  - Prioritized by # locations addressed, % of fatal/serious crashes addressed, countermeasure effectiveness, and project cost
- Tribes are not typically funded through this program, but can partner with cities

# COUNTY SAFETY PROGRAM

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- Call for projects
  - Every 2-3 years, **next call in 2017**
  - Funding levels identified by formula
  - To apply, counties must develop a Local Road Safety Plan
- Funding priorities set using fatal/serious injury crashes
- Risk-based approach
- **Tribes may be funded in partnership with a county**
  - Include tribal projects on prioritized county list of projects
  - Project selection based on effectiveness of project proposed



# EXAMPLES...



- Run-Off-Road

- Signs, pavement markings, guideposts
- Guardrail, flatten slopes, clear zone, rumble strips
- Sight distance
- Improve/widen shoulders
- Radar speed signs
- High friction pavement



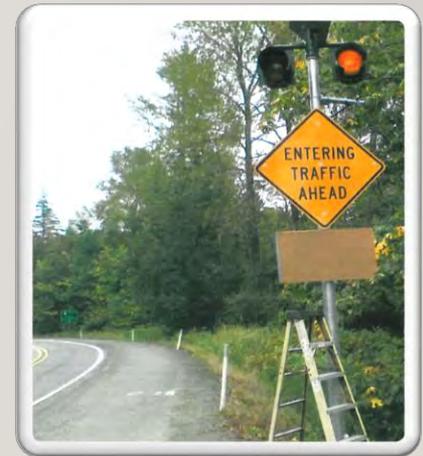
- Intersections

- Signs, pavement markings, transverse rumble strips
- Sight distance
- Flashing beacons
- Illumination
- Signal timing, protected left turns
- Realign/configure intersections, turn lanes

# STAND-ALONE SAFETY CALLS FOR PROJECTS

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- Example: Innovative Safety
  - Compact Roundabouts
  - Intersection Conflict Warning Systems
  - High Friction Surface Treatments
  - Traffic Signal Operations/Visibility Improvements
- **Tribes may apply for funds directly**



# QUESTIONS??

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